



IFW Cary

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/723,101
Filing Date	November 25, 2003
First Named Inventor	Nobutaka Kitagawa
Art Unit	2816
Examiner Name	Minh T. Nguyen
Attorney Docket Number	351991-992011 (2102475-992011)

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ENCLOSURES (Check all that apply)

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form (PTO/SB/17)
<input checked="" type="checkbox"/> Fee from automatic deposit acc't

<input type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)

<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Certified Copy of Priority Document(s)

<input type="checkbox"/> Response to Missing Parts/Incomplete Application
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____
<input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
1. Request for Certificate of Correction (2 Pg) (+1);
2. Copy of Notice of Recordation and Assignment
3. Certificate of Correction PTO SB/44 (in triplicate); |
|---|--|--|

Remarks

The Commissioner is hereby authorized to charge the Request for Certificate of Correction Fee of \$100 and Processing Fee of \$130 and any fees which may be required, or credit any overpayment to Deposit Account No. 07-1896. A duplicate copy of this form is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name **DLA Piper Rudnick Gray Cary US LLP**

Signature

Printed name **JON IKEGAMI**

Date **June 13, 2006**

Reg. No. **51,115**

CERTIFICATE OF FACSIMILE TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Mail Stop – Certificate of Corrections Branch, on the date shown below.

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Typed or printed name **Susan Pingue**

Date **June 13, 2006**

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and

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PATENT & TRADEMARK OFFICE
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Effective on 12/08/2004.
Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

for FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$230.00)

Complete If Known	
Application Number	10/723,101
Filing Date	November 25, 2003
First Named Inventor	Nobutaka Kitagawa
Examiner Name	Minh T. Nguyen
Art Unit	2816
Attorney Docket No.	351991-991330 (Formerly 2102775-991330)

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METHOD OF PAYMENT (check all that apply)

- Check Credit Card Money Order None Other (please identify): _____
- Deposit Account Deposit Account Number: 07-1896 Deposit Account Name: DLA PIPER RUDNICK GRAY CARY US LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
- Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	200	100	0	0	0	0

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Small Entity

Fee (\$)

Fee (\$)

50 25

200 100

360 180

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fees Paid (\$)
- 20 or HP =	x	=	

Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fees Paid (\$)
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/50 =	(round up to a whole number)	x	=

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Code 1811 1.20(a) Certificate of correction \$100 (Post Issuance Fee) 230.00
and Processing Fee (37 CFR 1.17(i) of \$130.00)

SUBMITTED BY			
Signature		Registration No. 51,115 (Attorney/Agent)	Telephone (650) 830-2104
Name (Print/Type)	JON TKE NGUYEN	Date June 13, 2006	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Instead, file directly with the USPTO or mail to: U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

EMI7198792.1



Attorney Docket No.: 351991-992011 (2102475-992011)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of : Kitagawa, et al.

Issued: December 28, 2004

Patent No: 6,836,170 B2

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Title: IMPEDANCE TRIMMING CIRCUIT

JUN 19 2006

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as FIRST CLASS MAIL in an envelope addressed to: Attn.: Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA on June 13, 2006.

Susan Pingue

Susan Pingue

**REQUEST FOR CERTIFICATE OF CORRECTION OF A PATENT
FOR APPLICANT'S MISTAKE 37 CFR § 1.323**

Attn.: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached in triplicate is Form PTO/SB/44 with at least one copy being suitable for printing.

The error occurs as follows:

(73) Page 1, Assignee of the Letters Patent: The Assignees should be listed as

KABUSHIKI KAISHA TOSHIBA (JP) and TOSHIBA IT-SOLUTIONS CORPORATION (JP), as per the attached Assignment recorded on February 27, 2004, Reel/Frame: 015014/0363.

Please send the Certificate to:

Jon Y. Ikegami, Esq.
DLA Piper Rudnick Gray Cary US LLP
2000 University Avenue
East Palo Alto, CA 94303-2248

06/16/2006 EFLORES 00000010 071896 6836170

01 FC:1811 100.00 DA

06/16/2006 EFLORES 00000010 071896 6836170

02 FC:1051 130.00 DA

Attorney Docket No.: 351991-992011 (2102475-992011)

The Commissioner is hereby authorized to charge the fees amounting to \$230.00 or any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1896. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

DLA Piper Rudnick Gray Cary US LLP

Dated: June 13, 2006

By 
Jon Y. Ikegami, Reg. No. 51,115
Attorney for Applicant

DLA Piper Rudnick Gray Cary US LLP
2000 University Avenue
East Palo Alto, CA 94303-2248
Phone: 650-833-22104

Customer No. 26379

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : **US 6,836,170 B2**

APPLICATION NO.: **10/723,101**

ISSUE DATE : **December 28, 2004**

INVENTOR(S) : **Nobutaka Kitagawa, Tokyo (JP);
Shuichi Takada, Yokohama (JP);
Nobuyuki Sasaki , Tokyo (JP)
Yasuhiko Kaminota, Kawasaki (JP)**

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(73) Assignees: **Kabushiki Kaisha Toshiba, Tokyo (JP)
Toshiba IT-Solutions Corporation Kanagawa Prefecture 212-8550 (JP)**

MAILING ADDRESS OF SENDER (Please do not use customer number below) **RECEIVED**

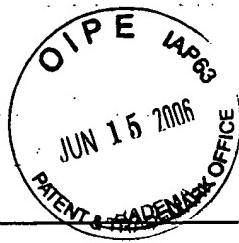
**DLA PIPER RUDNICK GRAY CARY US LLP
2000 University Avenue
East Palo Alto, CA 94303-9709**

JUN 19 2006

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE

200415-991011 C

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 21, 2004

PTAS



102681872A

GRAY CARY WARE ET.AL.
EDWARD B. WELLER
2000 UNIVERSITY AVENUE
EAST PALO ALTO, CA 94303

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/27/2004

REEL/FRAME: 015014/0363

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
KITAGAWA, NOBUTAKA

DOC DATE: 02/09/2004

ASSIGNOR:
TAKADA, SHUICHI

DOC DATE: 02/09/2004

ASSIGNOR:
SASAKI, NOBUYUKI

DOC DATE: 02/09/2004

ASSIGNOR:
KAMINOTA, YASUHIKO

DOC DATE: 02/09/2004

ASSIGNEE:
KABUSHIKI KAISHA TOSHIBA
1-1, SHIBAURA 1-CHOME
MINATO-KU, TOKYO 105-8001, JAPAN

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AUG 27 2004

GRAY CARY
WARE & FREIDENRICH

015014/0363 PAGE 2

SERIAL NUMBER: 10723101

FILING DATE: 11/25/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: IMPEDANCE TRIMMING CIRCUIT

HUONG TON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



03-02-2004

Form PTO-1595
(Rev. 03/01/2006)
OMB No. 0651-0027

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...102681872

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

d.27.04

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Nobutaka Kitagawa, Shuichi Takada, Nobuyuki Sasaki
and Yasuhiko KaminotaAdditional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: February 9, 2004

4. Application number(s) or patent number(s)

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s)

10/723,101

2. Name and address of receiving party(ies)

Name: Kabushiki Kaisha Toshiba

Internal Address: 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001
Japan

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Street Address: JUN 19 2006

City: _____ State: _____ Zip: _____

OFFICE OF PETITIONS

Additional name(s) & address(es) attached? Yes NoFEB 27 AM 7
OPR/FINANCE

Additional numbers attached?

 Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Edward B. Weller

Internal Address: Gray Cary Ware & Freidenrich
LLP

Street address: 2000 University Avenue

City: East Palo Alto State: CA Zip: 94303

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number: 07-1896

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Edward B. Weller

Name of Person Signing

37,468

Reg. No.

E.B.Weller

February 20, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 03Mail documents to be recorded with required cover sheet information to:
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P.O. Box 1450, Alexandria, VA 22313-1450

03/01/2004 DBYRNE 00000046 10723101

01 FC:8021

40.00 OP

Gray Cary\EM\7160109.1
2102475-992011

ASSIGNMENT

(03S0511-I)

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

IMPEDANCE TRIMMING CIRCUIT

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JUN 19 2006

sell and assign to

OFFICE OF PETITIONS

- (1) KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, having a place of business at
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and;
- (2) Toshiba IT-Solutions Corporation, a Japanese corporation, having a place of business at
66-2, Horikawa-cho, Saiwai-ku, Kawasaki, Kanagawa Prefecture 212-8550, Japan

their successors, and assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one) executed concurrently herewith;
 executed on ;
 Application No. 10/723,101 , filed November 25, 2003 ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

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ASSIGNMENT

(03S0511-I)

[1st Inventor]

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan
Residence Address: Tokyo, Japan
Citizenship: Japan

Nobutaka Kitagawa

Nobutaka Kitagawa

FEB.-9.2004

Date:

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JUN 19 2006

[2nd Inventor]

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan
Residence Address: Yokohama-shi, Japan
Citizenship: Japan

Shuichi Takada

Shuichi Takada

FEB.-9.2004

Date:

[3rd Inventor]

Mailing Address: Gurandoru-Fuchu, 2, Toshiba-cho, Fuchu-shi, Tokyo, Japan
Residence Address: Tokyo, Japan
Citizenship: Japan

Nobuyuki Sasaki

Nobuyuki Sasaki

FEB.-9.2004

Date:

[4th Inventor]

Mailing Address: 1-1552-110, Kamimarakosannocho, Nakahara-ku, Kawasaki-shi, Kanagawa-ken, Japan
Residence Address: Kawasaki-shi, Japan
Citizenship: Japan

Yasuhiko Kaminota

Yasuhiko Kaminota

FEB.-9.2004

Date:

RECORDING OFFICER:

After recording, please return to:

Mr. Ronald L. Yin

Gray Cary Ware & Freidenrich L.L.P.

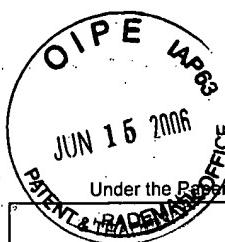
Patent Department - HV

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East Palo Alto,

California 94303-3340

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/723,101
	Filing Date	November 25, 2003
	First Named Inventor	Nobutaka Kitagawa
	Art	Not yet assigned
	Examiner	Not yet assigned
Total Number of Pages in This Submission		Attorney Docket Number 2102475-992011 JUN 19 2006

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ENCLOSURES (Check all that apply)			OFFICE OF PETITIONS
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Remarks</div>	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below). Postcard, Assignment and Cover Sheet, and Check No. <u>554443</u>	OFFICE OF PETITIONS

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Edward B. Weller (Reg. No. 37,468) Gray Cary Ware & Freidenrich LLP
Signature	<i>Edward B. Weller</i>
Date	February 20, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed	Susan Pingue
Signature	<i>Susan Pingue</i>
	Date February 20, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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JUN 15 2004

FEES TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$40.00)

Complete if Known

Application Number	10/723,101
Filing Date	November 25, 2003
First Named Inventor	Nobutaka Kitagawa
Examiner Name	Not yet assigned
Art Unit	Not yet assigned
Attorney Docket No.	2102475-992011

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METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	07-1896
Deposit Account Name	Gray Cary Ware & Freidenrich LLP

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	770	2001 385	Utility filing fee
1002	340	2002 170	Design filing fee
1003	530	2003 265	Plant filing fee
1004	770	2004 385	Reissue filing fee
1005	160	2005 80	Provisional filing fee
SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent	Extra Claims	Fee from below	Fee Paid
		-20** = 0	X 18 = 0	
		-3** = 0	X 86 = 0	
			=	

Large Entity		Small Entity	
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1202	18	2202	9
1201	86	2201	43
1203	290	2203	145
1204	86	2204	43
1205	18	2205	9
SUBTOTAL (2) (\$)			

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued) JUN 19 2006

OFFICE OF PETITIONS

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051 65 Surcharge - late filing fee or oath	
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053 130 Non-English specification	
1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
1251	110	2251 55 Extension for reply within first month	
1252	420	2252 210 Extension for reply within second month	
1253	950	2253 475 Extension for reply within third month	
1254	1,480	2254 740 Extension for reply within fourth month	
1255	2,010	2255 1,005 Extension for reply within fifth month	
1401	330	2401 165 Notice of Appeal	
1402	330	2402 165 Filing a brief in support of an appeal	
1403	290	2403 145 Request for oral hearing	
1451	1,510	1451 1,510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive - unavoidable	
1453	1,330	2453 665 Petition to revive - unintentional	
1501	1,330	2501 665 Utility issue fee (or reissue)	
1502	480	2502 240 Design issue fee	
1503	640	2503 320 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	40.00
1809	770	2809 385 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810 385 For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801 385 Request for Continued Examination (RCE)	
1802	900	1802 900 Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$40.00)

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	EDWARD B. WELLER	Registration No. (Attorney/Agent)	37,468	Telephone 650-833-2436
Signature	<i>Edward B. Weller</i>		Date	February 20, 2004

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